

Converting Colors

XYZ(39.0732, 39.5820, 36.2510)

Have a look what the booklet for
XYZ(39.0732, 39.5820, 36.2510)
contains.

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Color

**XYZ(39.2361, 39.7959,
36.1853)**

Conversions

Conversions Part 1

Format	Color
Hex	B8A69A
RGB	184, 166, 154
RGB Percent	72%, 65%, 60%
CMY	0.2784, 0.3490, 0.3961
CMYK	0.00, 0.10, 0.16, 0.28
HSL	24°, 17%, 66%
HSV	24°, 16%, 72%
XYZ	39.2361, 39.7959, 36.1853
YIQ	170.0140, 14.5800, 0.0840

Conversions

Conversions Part 2

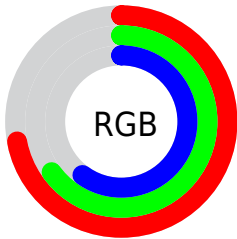
Format	Color
RYB	184, 174, 154
Decimal	12101274
CIELab	69.32, 4.52, 8.58
CIELCh	69, 9.694, 62.220
Yxy	39.7959, 0.3405, 0.3454
Android (android.graphics.Color)	4290291354 (0xFFB8A69A)
YUV	170.0140, -7.8949, 12.2657
Hunter-Lab	63.0840, 0.6240, 10.1497

Details

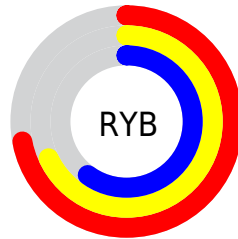
The XYZ color **39.2361, 39.7959, 36.1853** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.7304, 39.8348, 51.1006**, and the grayscale version is **38.2494, 40.2413, 43.8228**.

A 20% lighter version of the original color is **73.1768, 74.7922, 70.2540**, and **17.8256, 17.8392, 15.3358** is the 20% darker color. If you saturate the color by 10%, you get **35.8987, 35.3883, 28.0828**, and if you desaturate by 10%, it is **42.9828, 44.6455, 45.5842**.

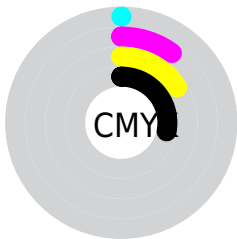
Distribution



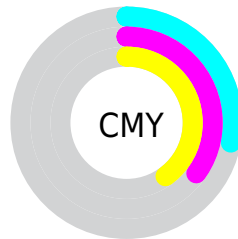
- Red (72%)
- Green (65%)
- Blue (60%)



- Red (72%)
- Yellow (68%)
- Blue (60%)



- Cyan (0%)
- Magenta (10%)
- Yellow (16%)
- Black (28%)



- Cyan (28%)
- Magenta (35%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2361, 39.7959, 36.1853 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 39.2361, 39.7959, 36.1853 by changing the saturation by 10% instead.

■ 39.2361, 39.7959,
36.1853

■ 39.2361, 39.7959,
36.1853

334.0831,
345.2626, 344.8316

■ 27.1250, 27.3794,
24.2865

■ 73.2906, 74.8526,
70.4902

■ 17.8042, 17.8584,
15.3321

■ 95.9648, 98.2617,
93.7335

■ 10.9083, 10.8484,
8.9036

122.8906,
126.1037, 121.5953

■ 6.0721, 5.9650,
4.5824

154.4335,
158.7631, 154.4942

■ 2.9300, 2.8238,
1.9500

190.9589,
196.6243, 192.8487

■ 1.1169, 1.0404,
0.5243

232.8321,

■ 0.0392, 0.0000,

240.0717, 237.0774

0.0000

280.4184,
289.4897, 287.5989

0.0000, 0.0000,
0.0000

39.2361, 39.7959,
36.1853

39.2361, 39.7959,
36.1853

35.8987, 35.3883,
28.0828

42.9828, 44.6455,
45.5842

32.9525, 31.4046,
21.2166

47.1497, 49.9440,
56.3308

30.3826, 27.8328,
15.5256

51.7514, 55.7050,
68.4770

28.1717, 24.6587,
10.9422

56.8006, 61.9398,
82.0710

26.3012, 21.8670,
7.3921

62.3096, 68.6594,
97.1586

■ 24.7503, 19.4411,
4.7918

■ 66.7390, 75.2539,
105.6157

■ 23.4957, 17.3631,
3.0442

■ 69.9484, 81.6727,
106.6855

■ 22.5078, 15.6119,
2.0224

■ 73.3565, 88.4889,
107.8215

■ 22.1909, 15.0377,
1.7330

■ 73.5773, 88.9304,
107.8951

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



40.4122, 39.7959, 38.9223



39.2361, 39.7959, 36.1853



37.7091, 39.7959, 35.3224

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.2361, 39.7959, 36.1853



34.9140, 39.7959, 43.6636



39.4421, 39.7959, 50.9897

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



39.2361, 39.7959, 36.1853



36.7304, 39.8348, 51.1006

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



37.9408, 39.7959, 52.4669



39.2361, 39.7959, 36.1853



35.3503, 39.7959, 48.0606

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.2361, 39.7959, 36.1853



35.2397, 39.7959, 39.4598



36.4478, 39.7959, 51.3604



40.5334, 39.7959, 47.4474

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.2361, 39.7959, 36.1853



36.7049, 39.7959, 35.8748



36.4478, 39.7959, 51.3604



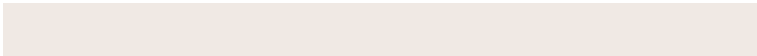
38.9672, 39.7959, 51.7547

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



39.2372, 39.7977, 36.1861



78.7980, 82.0595, 84.8775



38.7696, 36.2806, 43.9896



16.8785, 17.5511, 18.0204



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.2372, 39.7977, 36.1861



68.6011, 68.8276, 59.3993



42.1241, 45.5715, 37.1484



9.2916, 9.5862, 9.4675



15.3590, 10.4944, 1.2161



0.6025, 0.4921, 0.0632

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



36.7304, 39.8348, 51.1006



63.0905, 68.9074, 92.1798



34.0356, 34.4452, 50.2024



8.9570, 9.5913, 11.4586



9.9044, 10.2685, 32.7131



0.4080, 0.4796, 1.1728

Previews

White Background



This preview shows how the XYZ color 39.2361, 39.7959, 36.1853 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 39.2361, 39.7959, 36.1853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

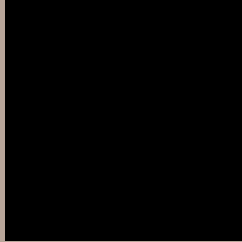
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.2361, 39.7959, 36.1853

Background



This preview shows how black text looks on a background with the XYZ color 39.2361, 39.7959, 36.1853.



This preview shows how white text looks on a background with the XYZ color 39.2361, 39.7959,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

39.2361, 39.7959, 36.1853

Protanopia

38.0089, 39.9726, 36.7225

Deuteranopia

40.4994, 39.6373, 36.5266



Tritanopia

41.4272, 39.8938, 46.5911

Trichromacy



Original Color

39.2361, 39.7959, 36.1853

Protanomaly

38.5094, 39.9555, 36.6929

Deuteranomaly

39.9309, 39.6088, 36.5510

Tritanomaly

40.5930, 39.8172, 42.5918

Monochromacy



Original Color

39.2361, 39.7959, 36.1853

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.5680, 40.1702, 40.8428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2361, 39.7959, 36.1853 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(184, 166, 154)` looks like.

```
.text, #text, p{  
    color:rgb(184, 166, 154)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(184, 166, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 166, 154) }
```

Border

The CSS property to change the border of an element to XYZ 39.2361, 39.7959, 36.1853 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 166, 154) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(184, 166, 154) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(184, 166, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 166, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 166, 154);  
box-shadow:4px 4px 4px 4px rgb(184, 166,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2361, 39.7959, 36.1853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 166, 154) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(184,  
166, 154) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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